

Find the inverse of each function.

27. $f(x) = 2x + 7$

$$x = 2y + 7$$

$$\frac{x-7}{2} = \frac{2y}{2}$$

$$y = \frac{x-7}{2}$$

$$f^{-1}(x)$$

$$g(x) = \frac{x-7}{2}$$

28. $f(x) = x - 3$

$$x = y - 3$$

$$x + 3 = y$$

$$g(x) = x + 3$$

29. $f(x) = \frac{x+3}{4}$

$$x = \frac{y+3}{4}$$

$$4x = y + 3$$

$$4x - 3 = y$$

$$g(x) = 4x - 3$$

III. REPRESENTATIONS

Graph each function.

30. $f(x) = 3 \lfloor x \rfloor$

